

CLAIM AMENDMENTS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended). A method for protecting components of a primary system of boiling water reactor having a pressure vessel and a feedwater line opening out into the pressure vessel, the method which comprises:

~~metering~~ Providing an alcohol selected from the group consisting of methanol, ethanol, and propanol into the boiling water reactor to an alcohol concentration of from 0.1 to less than 10 μ mol/kg in a downcomer ;

measuring an alcohol concentration in the boiling water reactor;

metering in additional alcohol based on the measuring in order ~~continuously feeding the alcohol into a primary coolant~~ to maintain an alcohol concentration of from 0.1 to less than 10 μ mol/kg in a the downcomer, the downcomer extending downward at an opening of the feedwater line, with surfaces of the components being covered by no more than a native oxide layer.

Claim 2 (cancelled).

Claim 3 (original). The method according to claim 1, which comprises protecting the components against stress corrosion cracking.

Claim 4 (original). The method according to claim 1, which comprises feeding the alcohol into a condensate or feedwater system and carrying the alcohol into a condensate or feedwater system and carrying the alcohol into the primary system with the feedwater.

Claim 5 (cancelled).

Claim 6 (original). The method according to claim 1, which comprises doping the component surfaces with a precious metal

Claim 7 (original). The method according to claim 6, wherein the component surfaces are doped with platinum.

Claim 8 (cancelled).

Claim 9 (previously presented). The method according to claim 1, wherein the surfaces of the components are covered by a native oxide layer.

Claim 10 (new). The method according to claim 1 including the step of condensing alcohol discharged with a vapor phase and recycling the condensed alcohol to the reactor.